

12/1/03



PTO/SB/08a/b (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	09/852,659-Conf. #5111	
			Filing Date	May 11, 2001	
			First Named Inventor	Steven M. Ruben	
			Art Unit	1636	
			Examiner Name	D. Sullivan	
Sheet	1	of	2	Attorney Docket Number	PZ003P4

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	P	EP-0 892 053-A2		01-20-1999	SmithKline Beecham PLC and Human Genome Sciences, Inc.		
	Q	WO-98/55612-A1		12-10-1998	Zymogenetics, Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	R	BONNER et al., "A cDNA encoding the precursor of the rat neuropeptide, neurokinin B," <i>Molec. Brain Res.</i> , 2(3):243-249 (1987).				
	S	KAKO et al., "Cloning and Sequence Analysis of Mouse cDNAs Encoding Preprotachykinin A and B," <i>Biomed. Res.</i> , 14(4):253-259 (1993).				
	T	EBI Accession No. AA004764, HILLIER et al., "zh89a10.r1 Soares fetal liver spleen 1NFLS S1 Homo sapiens cDNA clone 428442 5' similar to SW:TKNK_BOVIN P08858 NEUROKININ B PRECURSOR, mRNA sequence" (Jul. 25, 1996).				
	U	EBI Accession No. T54351, HILLIER et al., "ya93h08.s1 Stratagene placenta (#937225) Homo sapiens cDNA clone IMAGE:69279 3' similar to SP:TKNK_BOVIN P08858 NEUROKININ B PRECURSOR, mRNA sequence" (Feb. 28, 1995).				
	V	EBI Accession No. R63635, HILLIER et al., "yi09f09.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:138761 5' similar to SP:TKNK_BOVINE P08858 NEUROKININ B PRECURSOR, mRNA sequence" (May 31, 1995).				
	W	EBI Accession No. T58582, HILLIER et al., "ya93h08.r1 Stratagene placenta (#937225) Homo sapiens cDNA clone IMAGE:69279 5' similar to SP:TKNK_BOVIN P08858 NEUROKININ B PRECURSOR, mRNA sequence" (Mar. 4, 1995).				

Examiner Signature		Date Considered	4/22/04
-----------------------	--	--------------------	---------



PTO/SB/08a/b (06-03)
Approved for use through 07/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

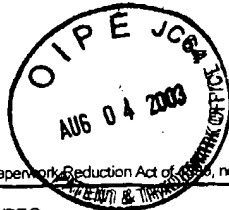
Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/852,659-Conf. #5111
				Filing Date	May 11, 2001
				First Named Inventor	Steven M. Ruben
				Art Unit	1636
				Examiner Name	D. Sullivan
Sheet	2	of	2	Attorney Docket Number	PZ003P4

	X	EBI Accession No. R62763, HILLIER et al., "y10c09.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:138832 5' similar to SP:TKNK_BOVIN P08858 NEUROKININ B PRECURSOR, mRNA sequence" (May 30, 1995).	
	Y	LANG et al., "Neurochemical characterization of preprotachykinin B(50-79) immunoreactivity in the rat," <i>Regulatory Peptides</i> , 57:183-192 (1995).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	4/22/04
--------------------	--	-----------------	---------



PTO/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

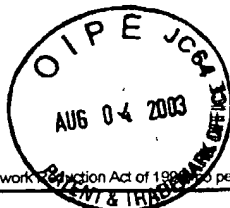
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/852,659
				Filing Date	May 11, 2001
				First Named Inventor	Steven M. Ruben
				Art Unit	1636
				Examiner Name	D. Sullivan
Sheet	1	of	2	Attorney Docket Number	PZ003P4

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DS	A	US-5,434,158	07-18-1995	Shah, S. K.	5/4/278

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B	WO-01/36979-A2	05-25-2001	University of Reading		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>DS</i>	Date Considered	4/22/04
-----------------------	-----------	--------------------	---------



PTO/SB/08a/b (05-03)
Approved for use through 05/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	09/852,659
			Filing Date	May 11, 2001
			First Named Inventor	Steven M. Ruben
			Art Unit	1636
			Examiner Name	D. Sullivan
			Attorney Docket Number	PZ003P4
Sheet	2	of	2	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
DS	C	KOTANI et al., "Structure and gene organization of bovine neuromedin K precursor," <i>Proc. Nat'l Acad. Sci. USA</i> 83:7074-7078 (1986).		
	D	PAGE et al., Excessive placental secretion of neurokinin B during the third trimester causes pre-eclampsia, <i>Nature</i> , 405:797-800 (2000).		
DS	E	KANGAWA et al., "Neuromedin K: a novel mammalian tachykinin identified in porcine spinal cord," <i>Biochem. Biophys. Res. Commun.</i> 114(2):533-540 (1983).		
DS	F	PAGE et al., "A regulatory role for neurokinin B in placental physiology and pre-eclampsia," <i>Regulatory Peptides</i> 98:97-104 (2001).		
DS	G	BAKER et al., "Plasma From Women With Preeclampsia Increases Endothelial Cell Nitric Oxide Production," <i>Hypertension</i> 26(2):244-248 (1995).		
DS	H	KNOCK et al., Bradykinin-mediated relaxation of isolated maternal resistance arteries in normal pregnancy and preeclampsia, <i>Am. J. Obstet. Gynecol.</i> 175(6):1668-1674 (1996).		
DS	I	PAGE, N. and Lowry, P., "Is 'pre-eclampsia' simply a response to the side effect of a placental tachykinin?" <i>J. Endocrinol.</i> 167:355-361 (2000).		
	J	HANSEN et al., "Effect of Vasoactive Intestinal Polypeptide and Substance P on Human Intramyometrial Arteries and Stem Villous Arteries in Term Pregnancy," <i>Placenta</i> 9:501-506 (1988).		
	K	BROWNBILL et al., "Neurokinin B is a Paracrine Vasodilator in the Human Fetal Placental Circulation," <i>J. Clin. Endocrinol. & Metabol.</i> 88(5):2164-2170 (2003).		
	L	Swiss-Prot Accession No. Q9UHF0, SHEPPARD et al. "Neurokinin B [Precursor]" (September 1999).		
	M	Genbank Accession No. NM_019162, BONNER et al. "Rattus Norvegicus tachykinin 2 (Tac2), mRNA" (April 2003).		
	N	Genbank Accession No. NM_009312, KAKO et al. "Mus musculus tachykinin 2 (Tac2), mRNA" (April 2003).		
DS	O	Genbank Accession No. AH001152, KOTANI et al. "Bovine preprotachykinin B gene, exon 1" (April 1993).		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	4/22/04
--------------------	--	-----------------	---------



2/23/04

PTO/SB/08a/b (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	09/852,659-Conf. #5111	
			Filing Date	May 11, 2001	
			First Named Inventor	Steven M. Ruben	
			Art Unit	1636	
			Examiner Name	D. M. Sullivan	
Sheet	1	of	1	Attorney Docket Number	PZ003P4

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	Z	NAGASHIMA et al. "Cardiovascular roles of tachykinin peptides in the nucleus tractus solitarius of rats", Brain Research 487:392-396		
	AA	ROCCON et al. "Study of SR 142801, a new potent non-peptide NK3 receptor antagonist on cardiovascular responses in conscious guinea-pig", British Journal of Pharmacology 118:1095-1102 (1996)		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	7/22/04
-----------------------	--	--------------------	---------